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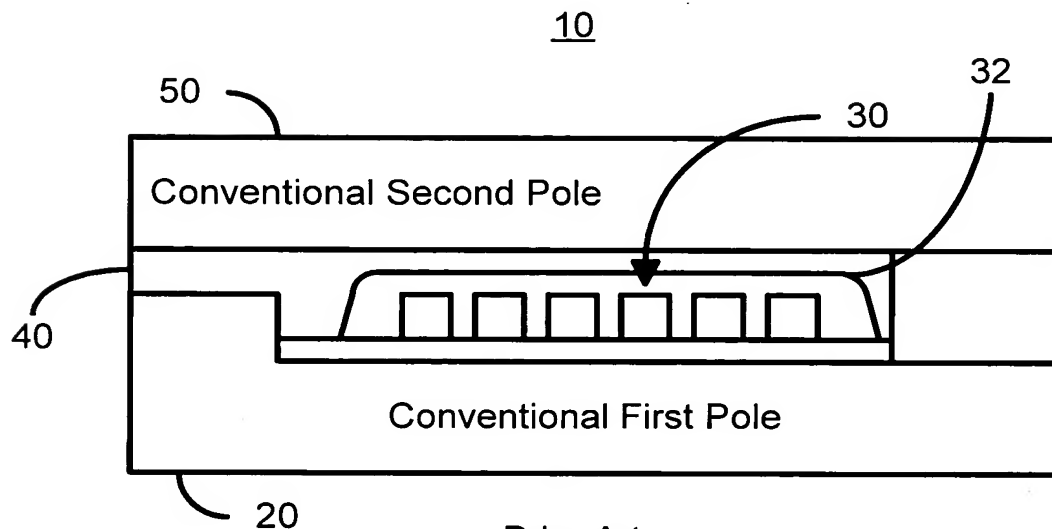
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Prior Art
Figure 1

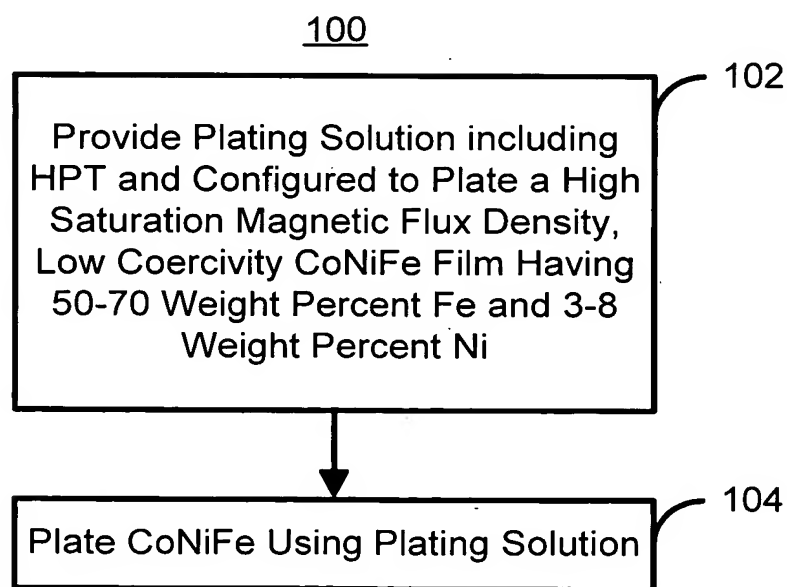


Figure 2

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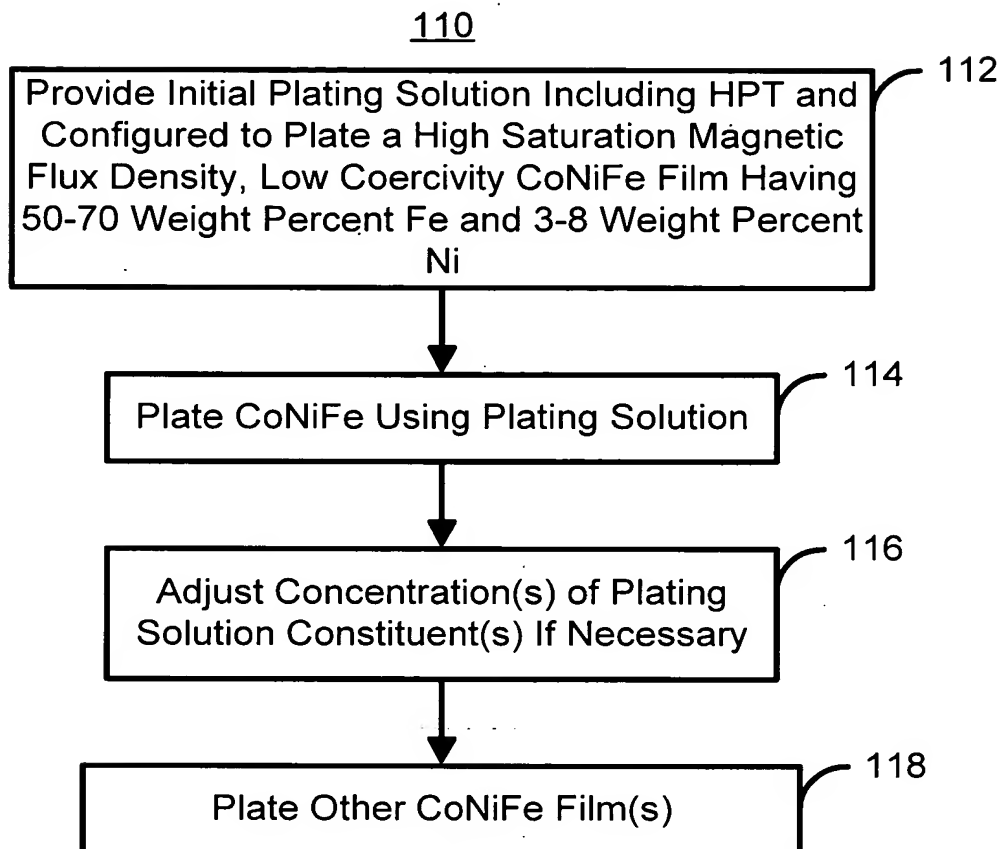


Figure 3

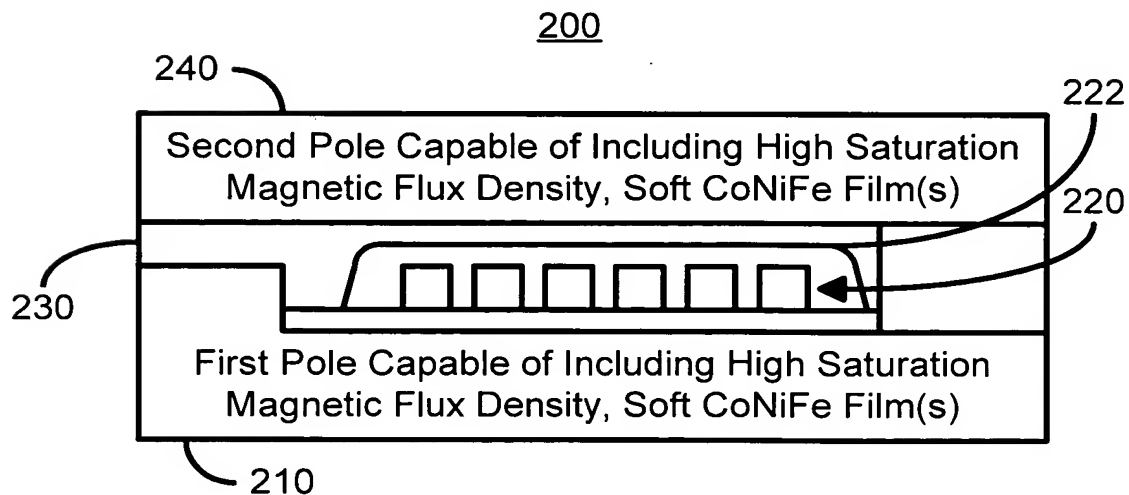
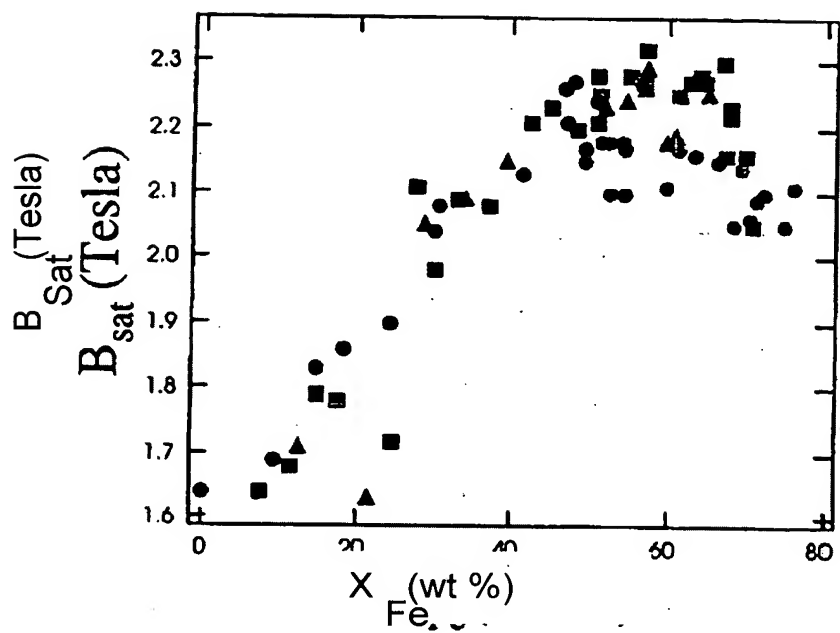


Figure 5

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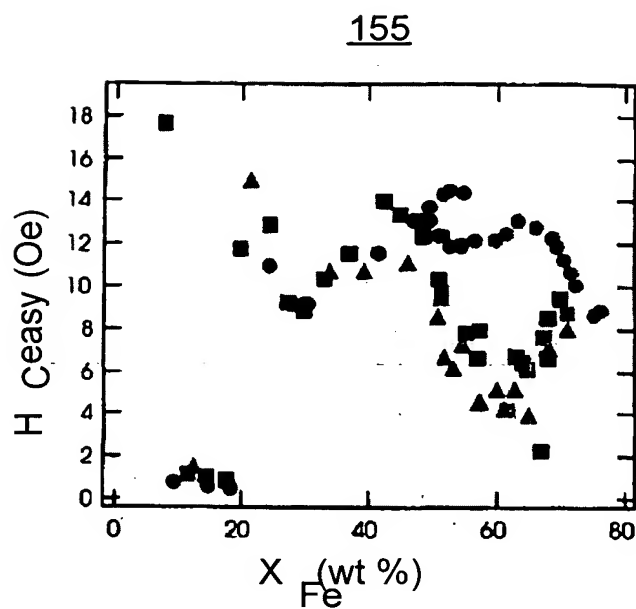
150



B_{sat} of CoNiFe Films vs. Fe Content for HPT concentrations of 5ppm (circles), 15 ppm (squares), and 25 ppm (triangles)

Figure 4A

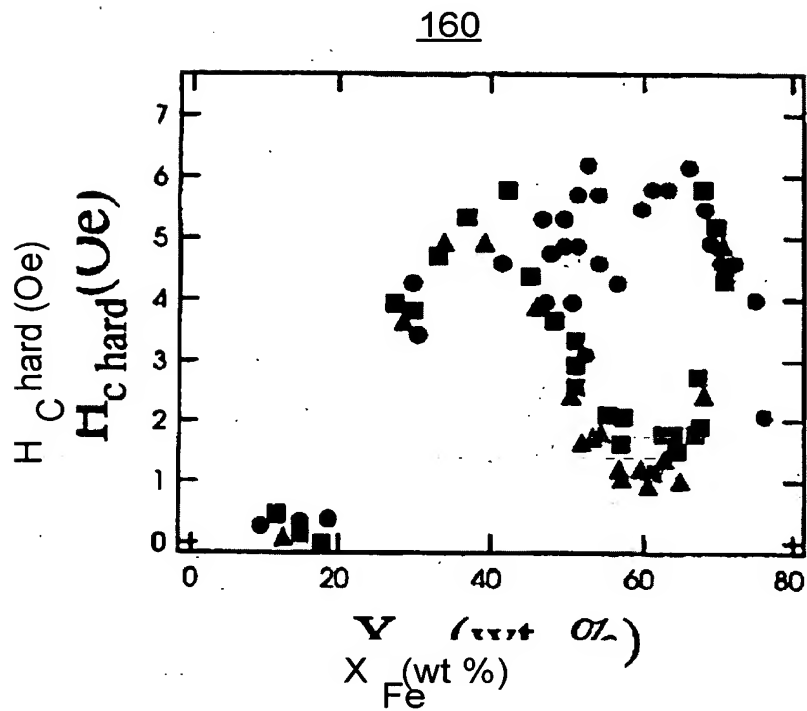
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Easy Axis Coercivity of CoNiFe Films vs. Fe Content for HPT concentrations of 5ppm (circles), 15 ppm (squares), and 25 ppm (triangles)

Figure 4B

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Hard Axis Coercivity of CoNiFe Films vs. Fe Content for HPT concentrations of 5ppm (circles), 15 ppm (squares), and 25 ppm (triangles)

Figure 4C

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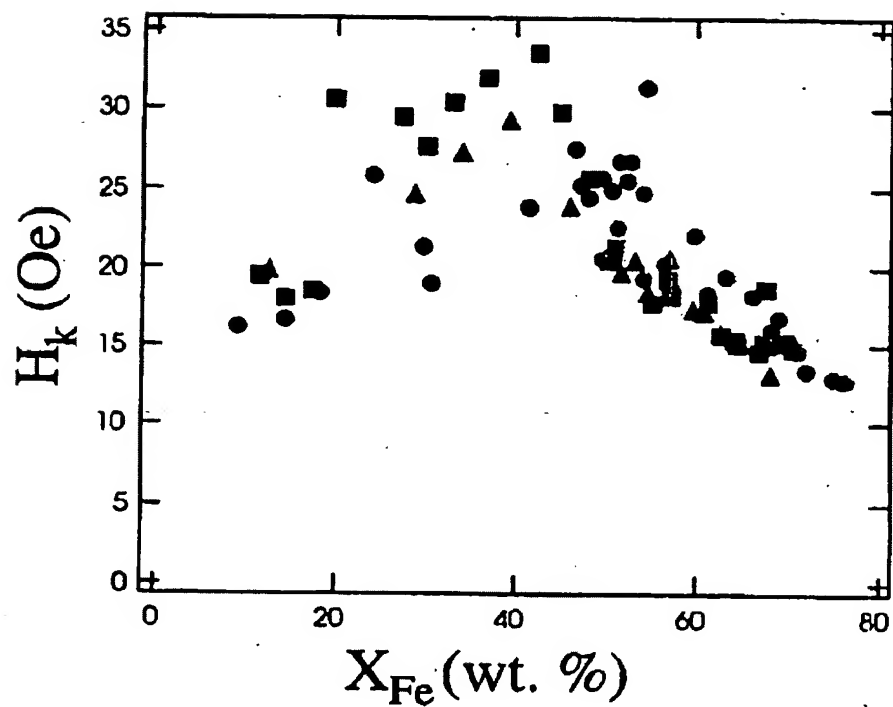
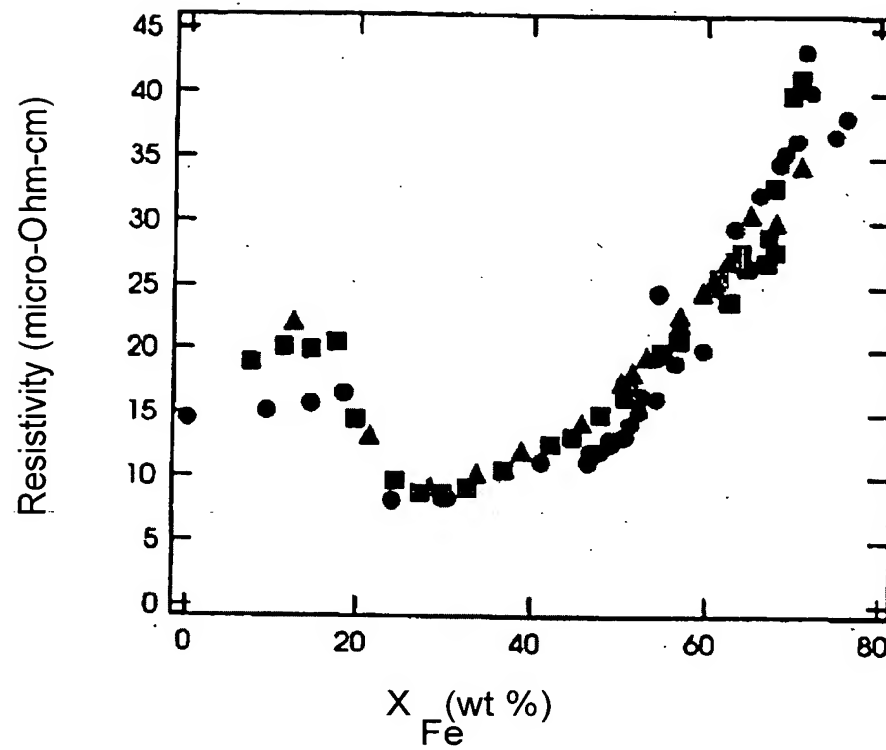


Fig. 4 Hard-axis anisotropy field of CoNiFe films as a function of iron content . Films electroplated in solutions with HPT concentration of 5 ppm (circles), 15 ppm (squares), and 25 ppm (triangles). The black and the gray symbols correspond to films electroplated in solutions with $NiSO_4 \cdot 6H_2O$ concentrations of 22 and 30 g/l respectively.

Figure 4D

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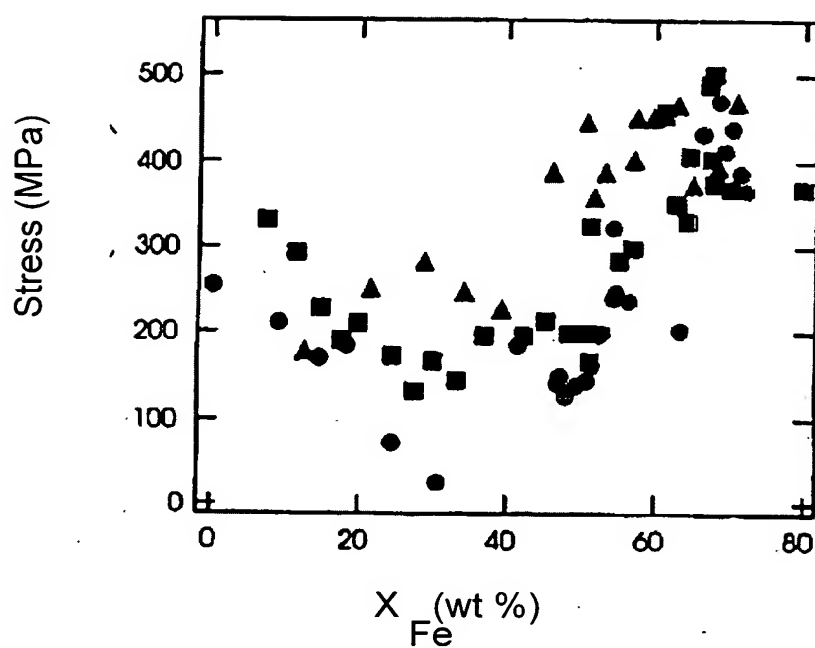


Resistivity of CoNiFe Films vs. Fe Content for HPT concentrations of 5ppm (circles), 15 ppm (squares), and 25 ppm (triangles)

Figure 4E

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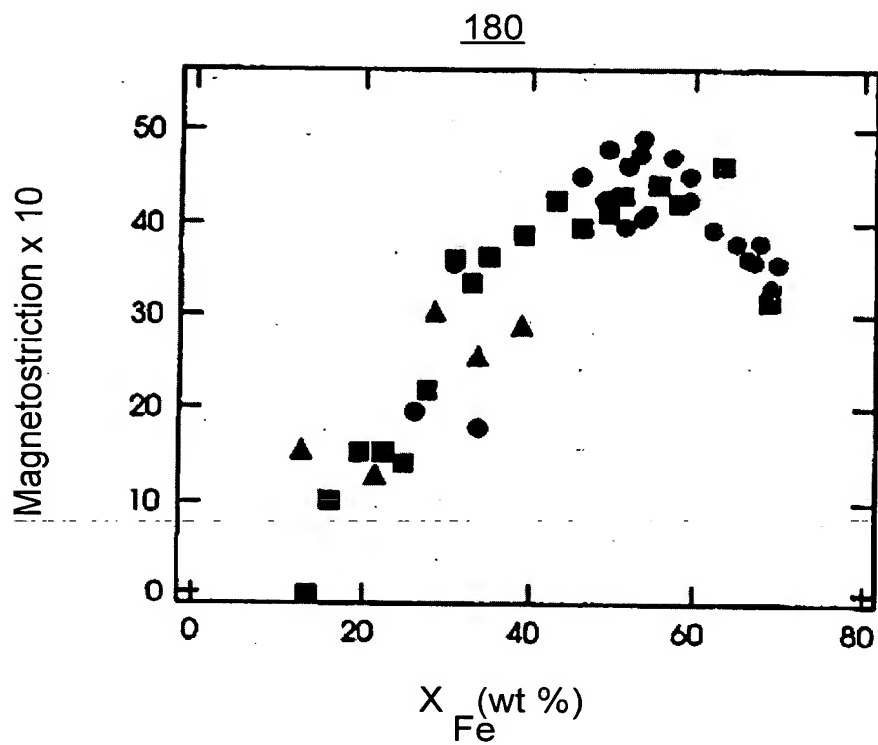
175



Stress of CoNiFe Films vs. Fe Content for HPT concentrations of 5ppm (circles), 15 ppm (squares), and 25 ppm (triangles)

Figure 4F

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Magnetostriction of CoNiFe Films vs. Fe Content for HPT concentrations of 5ppm (circles), 15 ppm (squares), and 25 ppm (triangles)

Figure 4G